

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	2	"6299778".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/11 15:44
L3	0	I2 and battery	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/11 15:44
L4	0	I2 and electrochemical	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/11 15:58
L5	1	I2 and porosity	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/11 15:59
S1	6	(lithium near battery) and (inorganic near separator) same metal near oxide	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/11 13:33
S2	31	(lithium near battery) and (inorganic near separator)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/09 18:47
S3	454	(lithium near battery) and (metal near oxide same separator)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/09 18:49
S4	16	(lithium near battery) and (metal near oxide near particles same separator)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/09 18:53

## EAST Search History

S5	0	(lithium near battery) and (separator same ("Al.sub.2.O.sub.3") same ("ZrO.sub.2"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/09 18:54
S6	0	(lithium near battery) and (separator same ("Al.sub.2.O.sub.3") and ("ZrO.sub.2"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/09 18:55
S7	194	(lithium near battery) and (separator same ("Al.sub.2.O.sub.3") or ("ZrO.sub.2"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/09 19:42
S8	18	(lithium near battery) and (separator same ("Al.sub.2.O.sub.3") or ("ZrO.sub.2"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/09 19:59
S9	409	(lithium near battery) and (separator same ceramic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/09 19:44
S10	41	(lithium near battery) and (separator same ceramic same particles)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/09 19:51
S11	35	S10 and porous	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/09 19:49
S12	266	(lithium near battery) and (separator same ceramic same porous)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/09 19:51

## EAST Search History

S13	56	( battery) and (separator same (("Al.sub.2.O.sub.3") or ("ZrO.sub.2"))))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/09 20:00
S14	46	S13 not S10	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/09 19:59
S15	23	(lithium near5 battery) and (separator same (("Al.sub.2.O.sub.3") or ("ZrO.sub.2"))))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/09 20:03
S16	5	S15 not S8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/09 20:01
S17	28	(lithium near10 battery) and (separator same (("Al.sub.2.O.sub.3") or ("ZrO.sub.2"))))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/09 20:04
S18	5	S17 not S15	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/09 20:03
S19	28	(lithium same battery) and (separator same (("Al.sub.2.O.sub.3") or ("ZrO.sub.2"))))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/09 20:04
S20	28	S19 and S17	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/09 20:06

## EAST Search History

S21	4	"4447376".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/09 20:08
S22	2	"6306545".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/10 16:01
S23	45	("20020023419" "20020039648" "20040038105" "20040262169" "20050031942" "20050070193" "20050084761" "20050087491" "20070099072" "3379570" "3625771" "4447376" "6299668" "6299778" "6306545" "6309545" "6340379" "6383386" "6620320" "6841075").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/09 20:18
S24	2	"6299778".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/10 16:04
S25	25	(inorganic near separator) and porous near electrode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/10 16:19
S26	9	S25 and pore near size	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/10 16:13
S27	3	(ceramic near separator) and (porous near electrode) same (pore near size)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/10 16:22
S28	0	S24 and separator	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/10 16:27

## EAST Search History

S29	88	separator and (porous near electrode) same (pore near size)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/10 16:31
S30	16	(inorganic same separator) and (porous near electrode) same (pore near size)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/10 16:31
S31	17	((metal near oxide) same separator) and (porous near electrode) same (pore near size)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/10 16:32
S32	128	((metal near oxide) same separator) and (electrode) same (pore near size)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/10 16:32
S33	0	(inorganice same separator) and (electrode) same (pore near size)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/10 16:32
S34	115	(inorganic same separator) and (electrode) same (pore near size)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/10 16:33
S35	115	(inorganic same separator) and ((electrode) same (pore near size))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/10 16:33
S36	1706	electrode near15 pore near4 size	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/10 23:23

## EAST Search History

S37	109	electrode near15 pore near4 size and separator near10 (metal near2 oxide or particle or inorganic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/10 23:23
S38	122	electrode near55 pore near4 size and separator near10 (metal near2 oxide or particle or inorganic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/10 23:24
S39	58	electrode near5 pore near4 size and separator near10 (metal near2 oxide or particle or inorganic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/10 23:43
S40	21	electrode near5 pore near4 size and separator near10 (ceramic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/10 23:45
S41	2553	separator near10 (ceramic or particle or metal near2 oxide) near5 size	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/10 23:45
S42	129	separator near10 (ceramic or particle or metal near2 oxide) near5 size near5 different	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/10 23:45
S43	19	separator near10 (ceramic or particle or metal near2 oxide) near5 size near5 different and electrode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/10 23:51
S44	3662	membrane near10 separator near10 electrode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/10 23:51

## EAST Search History

S45	68	Hennige same Volker.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/11 15:43
S46	94	hying same christian.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/11 11:02
S47	37	S46 not S45	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/11 11:11
S48	58214	horpel saem gerhard.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/11 11:12
S49	27	horpel same gerhard.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/11 11:12
S50	12	S49 not S45	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/11 11:12
S51	5	S50 not S46	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/11 11:12
S52	9	augustin same sven.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/11 11:12

## EAST Search History

S53	2	S52 not S45	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/11 11:12
S54	1	S53 not S46	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/11 11:12
S55	1234	shutdown same separator	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/11 13:35
S56	12	shutdown near particles	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/11 13:36